

CZECHOSLOVAKIA

Vitazoslav MISIK, Fisheries Laboratory (Laboratorium rybarstva),
Bratislava.

"Evaluation of the Number and Biomass of Fish in the Drainage Channels
of the Zitny Ostrov Island."

Bratislava, Biologia, Vol 18, No 6, 1963; pp 441-449.

Abstract [German summary modified]: Study primarily of methodology how
to catch fish in well-defined area, and how to calculate from such
successive catches numbers and weights of fish mass per given area or
volume. Several methods give variable results and further studies are
in course. Four tables, graph; 2 Western, 5 Czech and 1 Soviet reference.

11/1

L 33564-66

ACC NR: AP6025037

SOURCE CODE: CZ/0049/65/000/009/0683/0688

AUTHOR: ~~Misik, Vítazoslav~~ Misik, V. (Nitra) 17
6

ORG: Department of Breeding of Smaller Farm Animals, Agricultural College, Nitra
(Katedra chovu drobných hospodárskych zvierat Vysoké školy poľnohospodárskej)

TITLE: Occurrence and distribution of the sweet water fish Umbra krameri Walbau
1792 in Slovakia

SOURCE: Biologia, no. 9, 1965, 683-688

TOPIC TAGS: biologic ecology, ichthyology

ABSTRACT: Comprehensive ecologic study of this common fish in Slovakia, giving the
sympatric species in various Slovak rivers as well as the total amount of fish in
numbers of specimens and total weight. Orig. art. has: 1 table. [JPRS: 33,539]

SUB CODE: 06 / SUBM DATE: 10Apr65 / ORIG REF: 022 / SOV REF: 001

OTH REF: 004

Card 1/1 PB

MISIN, M.S.

128

PHASE I BOOK EXPLOITATION

SOV/6246

Soveshchaniye po tseolitam. 1st, Leningrad, 1961.

Sinteticheskiye tseolity; polucheniye, issledovaniye i primeneniye
(Synthetic Zeolites: Production, Investigation, and Use). Mos-
cow, Izd-vo AN SSSR, 1962. 286 p. (Series: Its: Doklady)
Errata slip inserted. 2500 copies printed.

Sponsoring Agency: Akademiya nauk SSSR. Otdeleniye khimicheskikh
nauk. Komisiya po tseolitam.

Resp. Eds.: M. M. Dubinin, Academician and V. V. Serpinskiy, Doctor
of Chemical Sciences; Ed.: Ye. G. Zhukovskaya; Tech. Ed.: S. P.
Golub'.

PURPOSE: This book is intended for scientists and engineers engaged
in the production of synthetic zeolites (molecular sieves), and
for chemists in general.

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Synthetic Zeolites: (Cont.)

80V/6246

COVERAGE: The book is a collection of reports presented at the First Conference on Zeolites, held in Leningrad 16 through 19 March 1961 at the Leningrad Technological Institute imeni Lensev, and is purportedly the first monograph on this subject. The reports are grouped into 3 subject areas: 1) theoretical problems of adsorption on various types of zeolites and methods for their investigation, 2) the production of zeolites, and 3) application of zeolites. No personalities are mentioned. References follow individual articles.

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METHODS OF INVESTIGATION

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Gases and Vapors by Synthetic Zeolites 7
- Bering, B. P., V. V. Serpinskiy. Adsorption Isotherms for
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- Timofeyev, D. P., O. N. Kabanova, I. T. Yerashko, and A. S.
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- Misin, M. S., B. V. Adrianova, and M. N. Adrianov. Investi-
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- Misin, M. S., L. M. Maksimova, V. A. Litvinova, L. B. Khandros, G. A. Polyakova, and L. S. Urin. Production and Adsorption Properties of NaX, CaX, and AgX Zeolites 143
- Figuzova, L. I., A. V. Agafonov, A. S. Vitukhina, V. F. Dmitriyeva, A. T. Slepneva, V. A. Burylov, and N. A. Chepurov. Synthesis Conditions and Thermal Stability of Type X Zeolites 152
- Mirskiy, Ya. V., M. G. Mitrofanov, and T. N. Bredikhina. Ion Exchange of Na for Ca in Type A Synthetic Zeolite 167
- Mirskiy, Ya. V., M. G. Mitrofanov, B. M. Popkov, L. T. Bolotov, and A. I. Mezhlumova. Production of Synthetic Zeolites Under Industrial Conditions 169

Card 7/12 1/4

TRCA , Stanislav; MISINGER, Ilja; SCHINDLER, Jiri.

Use of laminaria for cervical dilatation in artificial interruption of pregnancy. Cesk.gyn.25[39] no.9:669-672 N '60.

1. II. por.gyn.klinika KU v Praze, prednosta prof. MUDr. Josef Lukas, Dr. Sc. Ustav lecarske mikrobiologie a imunologie KU v Praze, prednosta prof. MUDr. Patecka.
(ABORTION THERAPEUTIC)

BLEKTA, M., CSc.; BENDL, J.; MACKU, F.; MISINGER, I.; PESKOVA, V.; OPPLT, J.;
CHYTIL, M.

The health status of women in late gestosis (Contribution to the study
of hypertension). Cesk. gynek. 27 no.1/2:109-113 Mr '62.

1. II por. gyn. klin. KU v Praze, prednosta prof. MUDr. J. Lukas,
DrSc. Biochemicke oddeleni fak. nemocnice v Praze 10 II int. klin.
KU v Praze, prednosta prof. MUDr. F. Herles.

(PREGNANCY TOXEMIAS statist)
(HYPERTENSION in pregnancy)

CEE, K.; MISINGER, I.; SCHON, E.

Relation of vaginal biocenosis to inflammatory complications following interruption of pregnancy. Cask. gyn. 27 [41] no.6/7:446-455 Ag '62.

1. Katedra mikrobiol. a epidemiol. fak. vseob. lek. KU v Praze,
ved. prof. dr. F. Patocka, DrSc. II. gyn.-por. klin. fak. vseob.
lek. KU v Praze, prednosta prof. dr. J. Lukas, DrSc.
(ABORTION THERAPEUTIC) (VAGINA) (MICROBIOLOGY)

SKODA, V.; MISINGER, I.; DVORAK, Zd.

Preventive gynecological surveys and detection of cancer of the cervix uteri at the 2d Gynecological and Obstetrical Clinic of the of the Charles University in Prague during the past 10 years. Cesk. gyn. 27 [41] no.6/7:530-533 Ag '62.

1. II. gyn.-por. klin. fak. vseob. lek. v Praze, prednosta prof.
dr. J. Lukas, DrSc.

(CERVIX NEOPLASMS)

(MORBIDITY)

MISINGER, I.; SKODA, VĽ.

Contribution to the treatment of abscessing forms of inflammation of Bartholin's glands. Cesk. gynek. 29 no.3:245-247
Ap'64.

1. II. gyn.-por. klin. fak. vseob.lek. KU v Praze; prednosta:
prof.dr.J.Lukas, DrSc.

*

MISINGER, I.; MACEK, F.

Our experiences with peroral contraception with progestagens.
Cesk. gynek. 29 no.9:708-712 N ' 64

1. II gyn-por. klin. fak. vseob. lek. Karlov; University v
Praze (prednosta prof. dr. J.Lukas, DrSc.)

SKODA, V.; LORENC, E.; MISINGER, I.; TRNKA, V.; ZIKMUND, J.; KANKA, J.

Our experience with conization of the cervix uteri. Cas. lek.
cesk. 104 no.3:79-83 22 Ja '65

1. II. gynekologicko-porodnicka klinika fakulty vseobecneho
lekarstvi Karlovy University v Praze (prednosta prof. J.Lukas,
Dr. c.).

LUKAS, J., prof. dr. , DrSc.; (Praha 2, Apolinarska 18); KANKA, J.;
MISINGER, I.; DVORAK, Z.; ANDRASOVA, V.

The assistance of a clinical laboratory in screening of
cervical carcinoma. Cesk. gynek. 30 no.4:256-260 My'65.

1. II. gyn. por. klinika fakulty vseobecneho lekars' i.
Karlovy University v Praze (prednosta: prof. dr. J. Lukas,
DrSc.).

SKODA, V.; MISINGER, I.; TRNKA, V.

On the problem of work capacity of women treated for gynecological cancer. Cesk. gynek. 30 no.5:341-345 Je '65.

1. II. gyn.-por. klin. fak. vseob. lek. Karlovy University v Praze
(prednosta prof. dr. J. Lukas, DrSc.).

SKODA, V. (Praha 2, Apolinarska 18); MACKU, F.; MISINGER, I.; TRNKA, V.;
ZIKMUND, J.

Reasons for hospitalization of gynecological patients over
60 years of age. Cesk. gynek. 30 no.6:505-508 Ag '65.

1. II. gyn.-por. klin. fak. vseob. lek. Karlovy University
v Praze (prednosta prof. dr. J. Lukas, DrSc.). Submitted
December 29, 1964.

MISINGER, I.; KROBOVA, I.; SKODA, V.; TRNKA, V.

Contribution to the treatment of climacteric and post-castration
osteoporosis and osseous metastases of gynecological cancer.
Cesk. gynek. 30 no.8:566-568 O '65.

1. II. gyn.-por. klin. fakulty vseobecneho lekarstvi Karlovy
University v Praze (prednosta prof. dr. J. Lukas, DrSc.).
Submitted December 29, 1964.

BLEKTA, M.; MISINGER, I.; PETRASEK, J.

Excretion of 3-methoxy-4-hydroxymandelic acid (vanilmandelic acid), a principal catecholamine metabolite, in pregnancy and late gestoses. Cesk. gynek. 30 no.8:620-624 0 '65.

1. II. gyn.-por. klin. (prednosta prof. dr. J. Lukas, DrSc.)
a III int. klin. (prednosta akademik J. Charvat) fakulty
vseobecného lékařství Karlovy University v Praze.

TRCA, S.; MISINGER, J.; KOMANEC, J.

Apropos of the relation between the pathogenesis of inflammation after induced abortion and the duration of pregnancy. Cesk. gynek. 29 no.8:613-616 O '64.

1. II. gyn.-por. klin. fak. vseob. lek. Karlovy University v Praze, (prednosta prof. dr. J. Lukas, DrSc.); Ustr. ustav zdravotnicke osvety v Praze, (reditelka MJD. M. Taufrova, CSc.).

BLEKTA, M., CSc.; MACKU, Fr.; BENDL, J.; ANDRASOVA, V.; MISINGER, J.;
CHYTIL, M.; OPPLT, J.; VAKOCOVA, H.

Residual hypertension and proteinuria in late toxemias. Cesk. gyn. 27
[41] no.6/7:270-275 Ag '62.

1. II. gyn.-por. klin. fak. vseob. lek. KU v Praze, prednosta prof.
dr. J. Lukas, DrSc. II. int. klin. fak. vseob. lek. KU v Praze, prednosta
prof. dr. Fr. Herles Biochem. odd. fak. nemocnice v Praze 10,
prednosta dr. J. Opplt.

(PREGNANCY TOXEMIAS) (PROTEINURIA)
(HYPERTENSION) (KIDNEY DISEASES)

KLAMUT, Marian; MISIUNA, Pawel

Controlled diagnostic pneumomediastinum. Pol. tygod. lek. 19
no.31:1199-2000 3 Ag'64

1. Z Zakładu Radiologii Akademii Medycznej w Lublinie (kierownik: prof. dr. Kazimierz Skorzynski) i z II Kliniki Chirurgicznej Akademii Medycznej w Lublinie (kierownik: prof. dr. Feliks Skubiszewski).

MISIUNA, W.

AGRICULTURE

Periodicals: ZAGADNIENIA EKONOMIKI ROLNEJ. No. 4, 1958

MISIUNA, W. New trend in the agricultural policy of the Soviet Union and the changes in the model of agriculture. p. 53.

Monthly List of East European Accessions (EEAI) LC, Vol. 8, No. 2,
February 1959, Unclass.

WISIOLEK, Z.

Chemical Abst.
Vol. 48 No. 8
Apr. 25, 1954
Metallurgy and Metallography

3 met
Manufacture and properties of resistance wires of composition Cu 82.5, Mn 12.0, Al 4.0, and Fe 1.5%. A Krupkowski and Z. Wisiolek. *Prace Badawcze Głównego Inst. Met. i Odlewniczo 2, 273-84(1950)(English summary).* — Manuf. of novo-constantan (1), elec. resistance wire, is described. A mixt. of pure metals or alloys is melted in an elec. gas, or coke furnace. Each batch is covered in the crucible with a mixt. of ground glass and 10% of CuO. Reduction is carried out by the addn. of Al at the end of melting. Casting is done at 1210-1240°. Afterwards "homogeneous" annealing is applied by heating for 12-14 hrs. to 900°. Subsequent rolling is performed in hot or cold conditions. In the latter case "softening" annealing at 700° for 1 hr. is applied. During subsequent drawing annealing as above has to be applied. The wire thus obtained is now annealed for recrystn. for 2 hrs. at 400-500° in a protective atm. After the latter operation specific resistance (sp. r.) of 1 is 0.48-0.48. By carrying out the "recrystn." annealing below 400° values for sp. r. are better, reaching even 0.52; the wire is, however, brittle. The chem. compn. of the wire may vary within a certain range without changing its elec. and mech. properties. This range is Cu 82.50-84.80, Mn 11.30-12.00, Al 2.64-4.00, and Fe 0.52-1.50%. Although specifications require Si to be not more than 0.1, it was found that even 0.25% has no bearing on the properties.
P. J. Hendel

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(3) *met*

689.3 : 689.14.001.6(018)-410.4-426

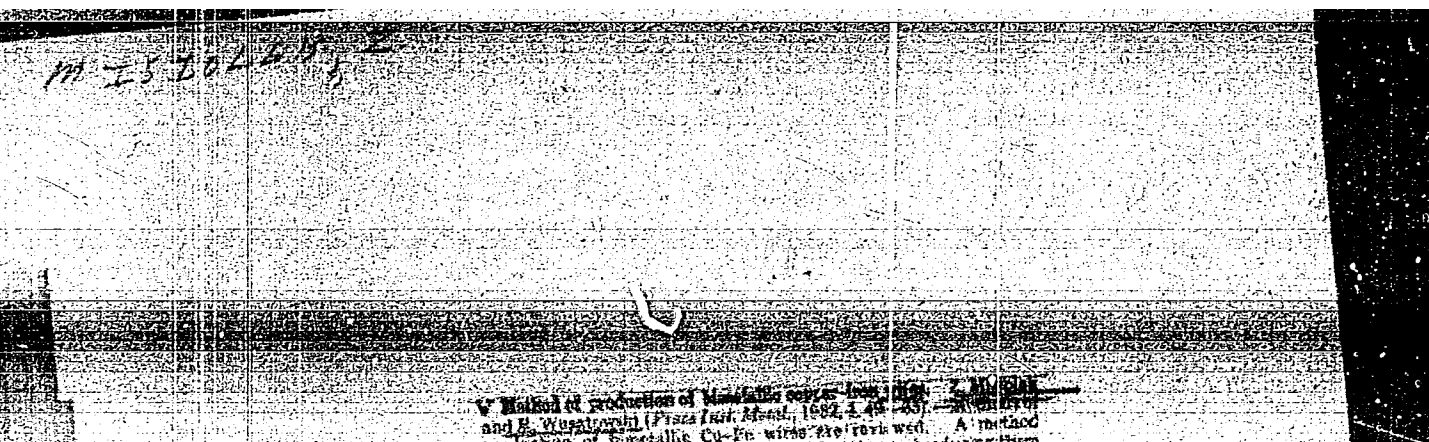
Misłotek Z., Własowski R. The Method of Producing Bimetallic Copper-Steel Connecting Wires

✓ "Metoda produkcji bimetalowych drutów przewodowych miedz-stal".
[Prace Inst. Metalurgii No. 1], Katowice, 1952, PWT, 15.5 pp., 15 figs., 13 tabs.

Of the two principal methods of producing bimetallic wires, that which involves pouring molten copper over suitably prepared steel billets is, through the works published by M. Glazburg, M. M. and F. Patison, well known; on the other hand, there is a shortage of exact information as to the method of pressing steel cores into rolled copper tubes. The difficulties involved in the first method lead the authors to the conclusion that the method of pressing steel cores into copper tubes will be the most economical in current conditions. Lacking precise data concerning this method, the authors conducted trials on a semi-industrial scale, basing their determination of the dimensions of the copper tubes and the steel core on the conditions given in the GOST 3822-47 standard, and, on account of a higher flow velocity of copper than of steel core during rolling, adopting a higher ratio (12.58) of section surface. Electrolytic copper 99.8% Cu, decarburized to a brass mill. Before having the core pressed into them the tubes were bored to an appropriate diameter, and etched. The cores of armco trade steel were degreased, etched and coppered. The bimetallic billets were, after pressing and in order to obtain better adhesion of the two metals, heated in a temperature of 900°C for 3½ hours; then, before rolling, the billets were water cooled and rolled from the diameter 22.0 mm to 3.0 mm. The conditions of rolling were established experimentally, the sequence of passes was ascertained by rolling soft steel billets, and the

(over)

mean elongation coefficient was calculated according to the Winkrow formula. The flow of the metal was calculated by means of Z. Winkrow's formula with the help of A. Wojtyla's special sliding rule. It was established that the flow of the bi-metal in grooves depends on a) the temperature difference between steel and copper, b) the rate at which the copper flows over the core, c) the parameters determining the flow conditions of the metal in the process of hot-rolling. The rolled rods, were, after checking, drawn to the diameter of 3.0 mm. For tests on production scale, DSA grade steel in rods rolled according to PN/H-93216 and tubes rolled in exact dimensions according to PN/B-1002 were used instead of the armco grade steel. Tests were made for two grades of wire with the section ratios, copper to steel 30/70 and 40/60. The procedure given in the initial tests was followed for rolling and drawing. On examining the properties of the wire obtained, the necessity of inter-operation annealing was established and its conditions determined. It was concluded, however, that that necessity would make the use of DSA grade steel uneconomical.



...production of ductile Cu-Fe wires. The process consists of pressing Fe rods into rolled Cu tubes and reducing them to the desired dimensions by hot-rolling and drawing into wires is investigated. A report of the tests on the laboratory and semi-industrial scale illustrated by tables and diagrams is given. A complete roll pass for full scale production of Cu-Fe wires is designed. The use of more expensive Armco Fe rods is recommended as this makes possible the avoidance of inter-stage annealing at 775° necessary with mild steel rods.

of JP
LFH

MISTOLEK, Z,

Ⓢ Met

2573

669.14.018.264 : 621.771.8

✓ Murski C, ✓ Wusiatowski Z, ✓ Misiolok Z, Plating Soft Carbon Steel Sheets with Stainless Steel.

„Platerowanie blach z miękkich stali węglowych blachami kwasoodpornymi". (Prace Inst. Metalurgii No. 5), Katowice, 1952, PWT, 9.5 pp., 18 figs., 3 tabs.

This paper contains definitions of plated products, a review of commonly used production methods and examples of applying them. The authors discuss their own method of plating soft carbon steel sheets with stainless steel. This method is a variation on rolling in packets, the packeting being done not by means of interposing rods but with external packing by means of a strip. Investigations were conducted on thick sheets of rimmed carbon steel with about 0.15% C, plated with stainless steel sheets, of 18/8 type, titanium stabilised. It was assumed that if good results were obtained for these materials, then still more satisfactory results should be obtained from plating with other kinds of 18/8 type stainless steel. Individual operations described are: preparatory work, heating and rolling the packets, heat treatment and etching of finished sheets. The plated sheets obtained by this method were tested for technological and mechanical properties and submitted to metallographical examination. On the basis of the results obtained, the value of this method in the production of plated sheet metal was ascertained, and guiding principles for production were established.

Polish Technical Abst.
No. 1 1954
Metallurgy

Resistance strips of Inmet (copper-manganese-aluminum-iron)
alloy. Z. Nisolek (P. 2727) Working Paper, 1953, No. 3, 11p.
Inmet alloy is a cold-chamber casting, hot and cold working, and heat-
treatment of Inmet (Cu 81.5-85.0, Mn 11.3-12.0, Al 2.6-3.8,
and Fe 0.5-1.5%) are described. Measurements of the electrical
properties show that Inmet strips satisfy the requirements laid
down for resistance materials, and that they are suitable for the
production of precision resistances. The best-quality strips are
obtained after annealing the cold-worked material for 2 hr. at 400°.
METALL. ABSTN. (R.B.C.).

MISIOLEK, Z.

Chemical Abst.
Vol. 48 No 8
Apr. 25, 1954
Metallurgy and Metallography

4
② *FILE*
ZALESIANSKI
Beryllium and copper-beryllium alloys. *E. 7th ed.*
and Z. Misiolek. *Handb 20, 245-80 (1983).* ~~A review of~~
the methods of production, mech. properties, and fields of
application of Be and its copper alloys. 12 references.
M. O. Holowaty

RUSZ, J., MISIOLEK, Z., and BABINSKI, W,

POLAND

"Technology of Wire Production for Thermo-Electric Elements," Prace Instytutow Ministerstwa
Hutnictwa, No. 5-6, Ministry of the Metallurgical Industry, 1955.

MISIOLEK, Z.

MISIOLEK, Z. New economic types of tuyeres. p. 458

Vol. 23, no. 12, Dec. 1956

HUTNIK

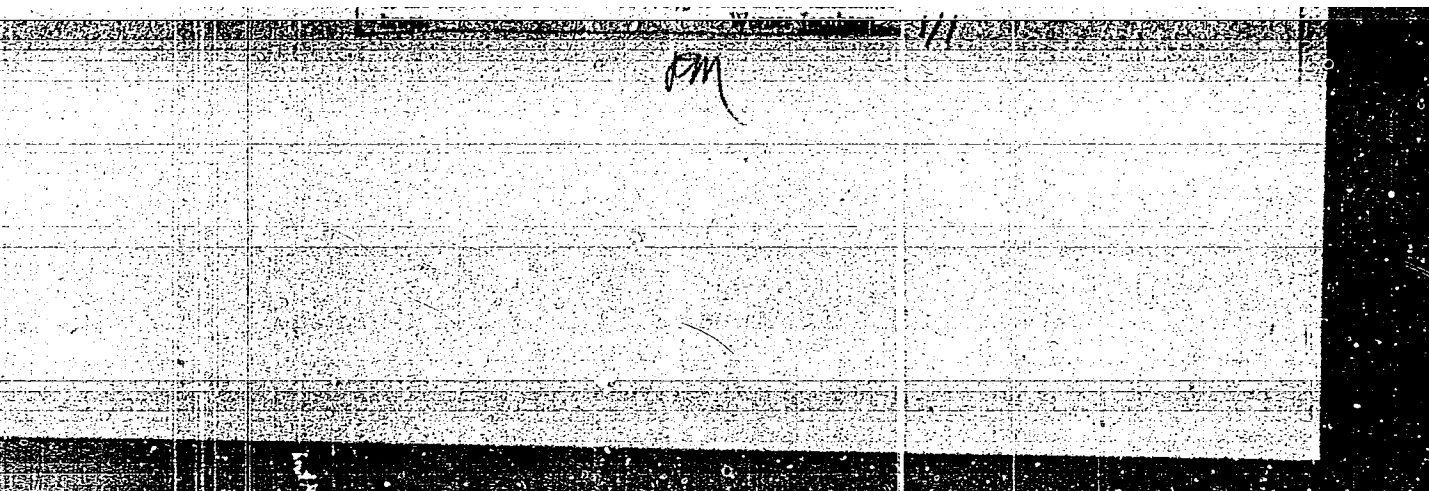
POLITICAL SCIENCE

Warszawa, Poland

So: East European Accession Vol. 4, No. 3, March 1957

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CIA-RDP86-00513R001134710007-7"

MISIOLEK, Z

18 1
New alloys for spot-welding electrodes. II. Zbigniew
Misiolek, Kazimierz Joszt, and Leszek Gablankowski.
Przegląd Spawalnictwa 11, 40-54(1959); cf. ibid. 123-7.
The prepn. of Cu-Cr-Zn alloys is described. The life of
Cu-Cr-Zn electrodes was 4-12 times longer than that of Cu
electrodes. Briefly described are Cu-Co-Be, Cu-Ni-P, and
Cu-Ag alloys, and some of the numerical data concerning
the mech. strength, the elec. cond., and the yield point are
given. 24 references. E. Ryshkevitch

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APR 1960

99

NIŚCIEŁY, Z.; JOSET, K.; GALLANKOWSKI, I.

New alloys for spot welding electrodes. Pt. 1 (To be contd.) p. 122.

PRZECIAD SPAWALNICZA. (Stowarzyszenie Inżynierów i Techników Mechaniki Polskich i Instytut Spawalnictwa) Warszawa, Poland. Vol. 11, no. 5, Nov 1969.

Monthly List of East European Accessions (MEAL) IC. Vol. 6, no. 7, July 1969.

Incl.

MISTOLEK, Z.; JOSZI, K.; GABIANOWSKI, L.

New alloys for spot welding electrodes. pt. 2. p. 149.

PRZEGLAD SPAWALNICTWA. Warszawa, Poland, Vol. 11, no. 6, June, 1959.

Monthly List of East European Accessions (EEAI), LC, Vol 8, no. 9, September, 1959.
Uncl.

S/194/61/000/012/061/097
D201/D303

9.4/10

AUTHOR: Misiołek, Zbigniew

TITLE: New nickel alloys for electron tube cathodes

PERIODICAL: Referativnyy zhurnal, Avtomatika i radioelektronika,
no. 12, 1961, 18, abstract 12G113 (Nowe stopy niklu
na katody lamp elektronowych Pt. 1, 2 Rudy i metale
niezel, 1960, 5, no. 1, 16-20, no. 2, 60-65)

TEXT: A detailed consideration of the chemical and mechanical properties of modern nickel alloys, as required for preparing the cores of oxide electron tube cathodes. Chemical compositions of nickel alloys, as set by industrial norms and standards of the Polish People's Republic, are compared. Comparison is also made with standards of other nations. A description of experiments carried out in Poland during development of the technological processes and of properties of nickel-silicon, nickel-aluminum and nickel-tungsten alloys, is given. Diagrams of studied states are given. Methods of obtaining nickel alloys in evacuated induction furnaces with buffer

Card 1/2

S/194/61/000/012/061/037
D201/1303

New nickel alloys ...

and fusing agents are given (evacuation 1000 l/sec, pressure 10^{-5} mm Hg). The technology of making tapes of the discussed materials is given. The influence of the following technological factors is analyzed: Influence of furnace charge and flux composition, the conditions of melting and of casting in vacuo, the conditions of rough and final mechanical processing, the conditions of annealing in hydrogen. A comparison of the mechanical properties of multicomponent alloys is given. From the results obtained at the Polish Institute of Non-Ferrous Metals it was established that the described alloys can be obtained in evacuated induction furnaces. [Abstractor's note: Complete translation.]

✓
B

Card 2/2

ADAMICZKA, J., doc.mgr.; MISIOLEK, Z., mgr.ins.

The Institute of Non-ferrous Metals and its role in the
development of technological progress. Przegl techn no.19:
4,6 13 My '62.

1. Instytut Metali Niezależnych, Gliwice.

STOLARZ, S., mgr inż.; MISIOLEK, Z., mgr inż.

Application of diffusion oxidation of silver-cadmium alloys for electric contacts. Przegl elektrotech 38 no.10:409-414 0 '62.

1. Instytut Metali Niezelaznych, Gliwice.

MISIOLEK, Zbigniew, mgr inz.; STOLARZ, Stanislaw, mgr inz.

Silver-copper alloy tape for electric contacts. Wlad
hut 19 no. 5: 119-123 My '63.

STOLARZ, Stanislaw, mgr. inz.; MISIOLEK, Zbigniew, mgr. inz.

Testing produced electric contacts made of silver-copper alloy.
Wlad hut 19 no.9:243-246 8*63.

KRUPKOWSKI, Aleksander; MISIOLEK, Zbigniew

Analysis of the deformation of rectangular section tensile specimens.
Archiw hutn 10 no.1:35-79 '65.

1. Department of Metallurgy of the Institute of Basic Technical Problems, Krakow Branch, of the Polish Academy of Sciences, and Institute of Nonferrous Metals, Gliwice. Submitted April 2, 1964.

POLAND/Microbiology - General Microbiology

F-1

Abs Jour: Ref Zhur - Biol., No 18, 1958, 81378

Author : Malachowska, I., ~~Misiorek, I.~~

Inst : -

Title : Formation of Histamine by Strains of Escherichia
Coli Isolated from Feces of Children Ill With
Diarrhea.

Orig Pub: Med. doswiad. i mikrobiol., 1957, 9, No. 4,
387-393

Abstract: No abstract.

Card 1/1

5

MISIRLIJA, A.

STERN, P.; KOSAK, R.; MISIRLIJA, A.

Iron resorption from sterile intestinal tract. Acta med. iugosl.
8 no.2:164-173 1954.

1. Farmakoloski insitut Medicinskog fakulteta, Sarajevo.

(IRON, metab.

resorp. in penicillin & oxytetracycline-treated rabbits)

(GASTROINTESTINAL SYSTEM, physiol.

iron resorp. in penicillin & oxytetracycline-treated
rabbits)

(PENICILLIN, eff.

on iron resorp. by intestinal tract after oral admin.
in rabbits)

(OXYTETRACYCLINE, eff.

on iron resorp. by intestinal tract after oral admin.
in rabbits)

MISIRLIJA, A.

Iron absorption in the intestine. P. Stern, R. Kosak, and A. Misirlija (Univ. Sarajevo, Yugoslavia). *Experientia* 10, 227(1954)(in German).—Rabbits were given 30 mg. Terramycin + 25,000 I.U. penicillin daily. After 3-4 days the feces contained no bacteria other than *Proteus vulgaris*. Animals in this condition failed to absorb Fe even when made anemic. Fe absorption was restored by addn. of Terramycin-resistant *Escherichia coli* or enterococci to the diet.
D. S. Farner

MISIRLIJE, A.

CERKOVNIKOV, Eugen; MISIRLIJE, Alija, MUACEVIC Gojko, STERN, Pavao

Chemical structure and antileukemic effect. IV. N-phenylurethanes
of certain amino alcohols. Acta pharm. jugosl. 5 no.1:43-50 '55.

1. Institute of Pharmacology Faculty of Medicine, Sarajevo and
Institute of Organic Chemistry, Faculty of Pharmacy, Zagreb, Yu-
goslavia.

(URETHANE,

N-phenylurethanes of amino alcohols, pharmacol)

(AMINO ALCOHOLS,

N-phenylurethanes of amino alcohols, pharmacol)

CIGLAR, M.; MISIRLIJA, A.; STERN, P.

Effect of Guber water on blood iron. Med. arh., Sarajevo 9 no.
2:73-77 March-Apr 55.

1. (Balneoloski Institut i Farmakolosko-toksikoloski Institut
Medicinskog fakulteta u Sarajevu).

(ANEMIA, HYPOCHROMIC, exper.

eff. of Guber mineral water on blood iron. (Ser))

(IRON, in blood,

eff. of Guber mineral water in exper. hypochromic
anemia. (Ser))

(BLOOD,

iron, eff. of Guber mineral water in exper. hypochromic
anemia. (Ser))

(MINERAL WATER,

Guber mineral water, eff. on blood iron in exper.
hypochromic anemia. (Ser))

MISIRLIJA, A.

YUGO

✓ Antileukemia compounds in chicken leukosis. P. Stern and A. Misirlija (Pharmakol. Inst., Sarajevo, Yugoslavia). *Zusatzblatt* 11, 26-7(1986)(in German).—Leukosis was produced by weekly intramuscular injections of 0.5 ml. 0.25% 1-m-tolylemioncarbazide for 2 or 3 weeks. The birds were then treated for 2 weeks with daily intramuscular injections of 5, 10, or 20 mg. butazolidine. Two wks. after this treatment the leucocyte counts were approximately normal. By 36-42 days after the end of the treatment leucocyte counts were again above normal. D. S. F.

MISIRIJA, A.

G. R. M.

Indication of the intention to use force against
Hern, R. Kozak, A. Kozak, and G. Kozak, 1975, 102
Schmiedberg, 3/20, 1975, 102, 103, 104, 105, 106
(1955). -- Dec. C. 1, 48, 101834. A. B. Kozak

STERN, P.; HUKOVIC, S.; MISIRLIJA, A.; RIMSKI, B.; STOJKOV, N.

New aspects of pathophysiology of progressive muscular dystrophy. Neuropsihijatrija 4 no.1:1-9 1956.

1. Iz Farmakoloskog instituta, Neuropsihijatrijske klinike i Klinike za dječje bolesti Medicinskog fakulteta u Sarajevu.
(PROGRESSIVE MUSCULAR DYSTROPHY, etiol. & pathogen.
(Ser))

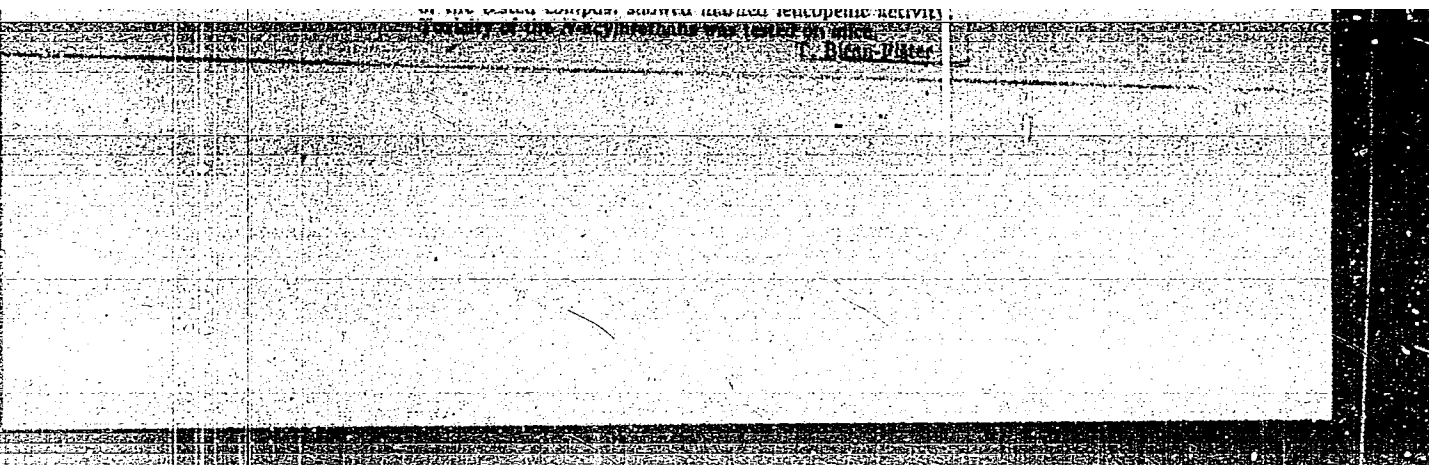
MISIRIJA, A

✓ Chemical constitution and antileukemic activity.
 Some *N*-acylurethans, P. Stern, A. Misirija, and
 Hahn (Int. Pharmacol., Sarajevo). *Arch. Pharm. Toxicol.*
 6, 27-32 (1960); cf. C.A. 51, 1463f. — For the purpose of
 examining antileukemic activity of *N*-acylurethans the follow-
 ing were prepd.: *N*-carbethoxysuccinimide (I), *N*-carbethoxysuccinylamide (II), *N*-carbethoxyphthalimide
 (III), and *N*-carbethoxysaccharins (IV). I, III, and IV were
 prepd. by known methods slightly modified, whereas compd.
 II, hitherto undescribed, was obtained by treating *N*-carbethoxysuccinimide (5 g.) with an excess of 25% NH_4OH in

3

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APPROVED FOR RELEASE: 06/14/2000

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MISIRLIJA, A.; STERN, P.; RUKOVIC, S.

Significance of histamine and of the nervous system in
tuberculin reaction. Tuberkulosa, Beogr. 8 no.2:102-104
Mar-Apr 56.

1. Farmakoloski Institut Medicinskog fakulteta u Sarajevu.

(TUBERCULIN REACTION,

eff. of skin histamine & chlorpromazine inhib. of
hypothalamic funct. in guinea pigs. (Ser))

(HISTAMINE, eff.

skin histamine on tuberculin reaction in guinea pigs.
(Ser))

(HYPOTHALAMUS, eff. of drugs on

chlorpromazine on inhib. of funct., eff. on tuberculin
reaction in guinea pigs. (Ser))

(CHLORPROMAZINE, eff.

inhib. of hypothalamic funct., eff. on tuberculin reaction
in guinea pigs (Ser))

(SKIN, metab.

histamine content, eff. on tuberculin reaction in guinea
pigs. (Ser))

BEGOVIC, S.; MISIRLIJA, A.; STERN, P.

Effect of allergic reaction and histamine on coronary arteries.
Acta med. iugosl. 10 no.1:37-44 1956.

1. Institut za patoloski fiziologiju Veterinarskog fakulteta i
Institut za farmakologiju Medicinskog fakulteta Univerziteta u
Sarajevu.

(HEART, blood supply

eff. of allergic reaction & released histamine on pressure
& circulation rate of coronary arteries in dogs (Ser))

(HISTAMINE, eff.

exper. allergic reaction on pressure & circulation rate of
coronary arteries in dogs (Ser))

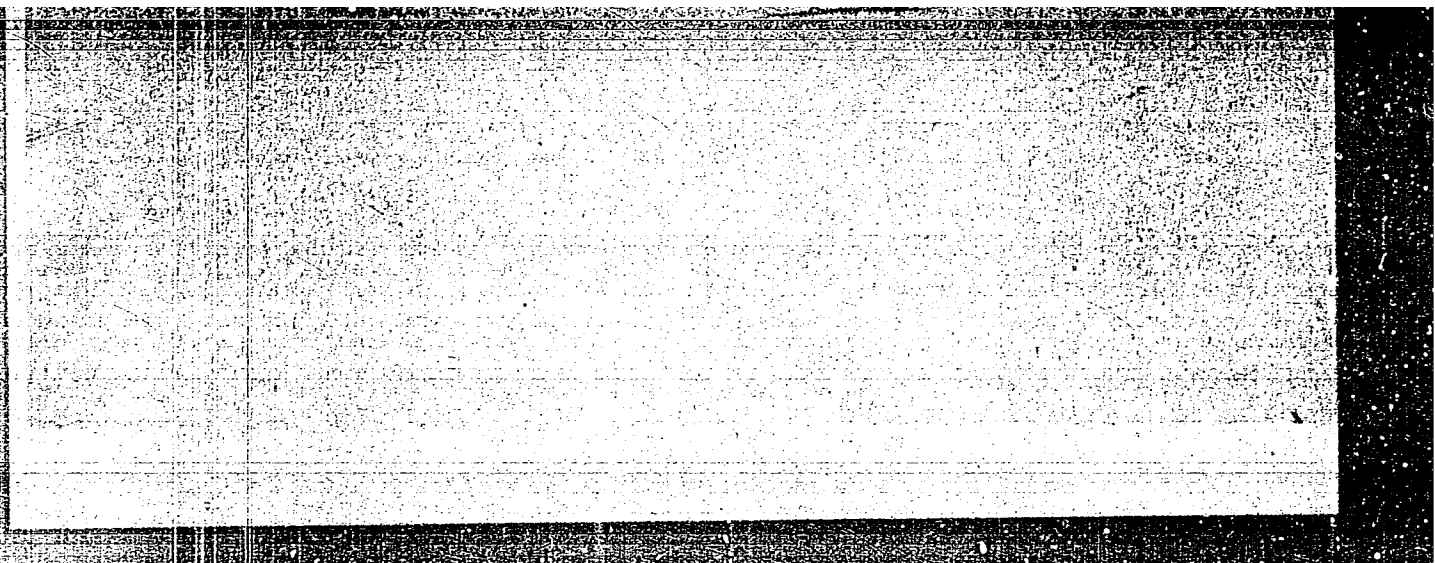
(ALLERGY, exper.

histamine release, eff. on pressure & circulation rate of
coronary arteries in dogs (Ser))

Hypothyroidism and inflammatory reactions. Z. Ignatov, A. Nikulina, P. Sazon, A. Miskirija, and M. Ciglar (Med. Fak., Sarajevo, Yugoslavia). *Acta Endocrinol.* 23: 1-4, 1969. The reaction to croton oil after injection into the granuloma pouch of rats was weaker in thyroidectomized rats than in normal animals. This is explained by a lower histamine content of the skin of thyroidectomized rats. Removal of histamine from the skin of rats also led to reduced inflammatory reactions.

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YUGOSLAVIA/Human and Animal Physiology - (Normal and Pathological) T
Internal Secretion. Pancreas.

Abs Jour : Ref Zhur Biol., No 4, 1959, 17724

Author : Misirlja, A., Nikulin, A.

Inst : -

Title : Inflammatory Reaction and Diabetes.

Orig Pub : Med. pregled, 1957, 10, No 5, 277-280

Abstract : The formation of granulation tissue in the inflammatory sac according to Silje in rats with alloxan diabetes is considerably inhibited. The healing of the skin in inflammation is slowed down in rats with diabetes due to increased content of histamine. -- From the author's resume.

Card 1/1

MISIRLIJA, A.

A method for the investigation of poly-synaptic reflexes in rats.
Med. arh., Sarajevo 13 no.1:63-65 Ja-F '59.

1. Iz Instituta za farmakologiju i toksikologiju Medicinskog
fakulteta u Sarajevu.
(REFLEX)

STERN, P.; MISIRLIJA, A.; BOSKOVIC, B.

Contribution to the treatment of diisopropylfluorophosphate (DFP) poisoning. (Preliminary communication). Voj.san.pregl., Beogr. 17 no.7/8:780-781 JI-Ag '60.

1. Medicinski fakultet u Sarajevu, Farmakoloski institut
(ISOFLUOROPHOSPHATE toxicol)

MISITA, R.

Standardization in our mining. p. 1919. Vol. 9, No. 12,
1954. TEHNIKA. Beograd, Yugoslavia.

SOURCE: East European Accessions List, (EEAL) Library
of Congress, Vol. 5, No. 8, August, 1956.

MISTFA, R.

Review of the international scientific system of classification of
hard coal by g' le. p.1743. TEHNIKA. Beograd. Vol. 10, no. 12, 1955.

SOURCE: East European Accessions List (EEAL), Library of Congress
Vol. 5, No. 6, June 1956

MISITA, Risto, inz.

Mining terminology. Rudar glasnik no.4:135 '62.

1. Clan Redakcionog odbora, "Rudarski glasnik. Bulletin of Mines".

MISIUDA, Branko Stasio, Dipl. Ing.

Industrial labor safety in Yugoslavia in the field of electrical
engineering work particularly in research stations and laboratories.
Wlad elektrotechn 28 no.11/12:359-363 N-D '61.

1. Instytut Elektrotechniki, Zagreb.

KIVERIN, M.D.; KIVERINA, Z.I.; MISIUK, Ye.M.

Effect of adrenaline on the sugar content of a transplanted skin flap.
Vop.med.khim. 5 no.5:338-342 S-O '59. (MIRA 13:2)

1. First Surgical Clinic and Chair of Biochemistry, Archangelsk
Medical Institute.

(EPINEPHRINE pharmacol.)

(SKIN TRANSPLANTATION exper.)

(CARBOHYDRATES metab.)

VOLODIN, Vasilii Sergeyevich; MISIUKAS, A. [translator]; STASKONIENE, F.
red.; BANCEVICIUS, P., tekhn. red.

[Wonderful seam] Nuostabioji siule. Vilnius, Valstybine po-
litines ir mokslines literaturos leidykla, 1962. 15, p.
(MIRA 16:5)

(Welding)

KRZECZKOWSKA, Irena; MISIUNA, Diwa

A new method of identifying some amino acids partitioned by paper chromatography. Ann. Univ., Lublin sect.D 16:299-305 '61.

1. Z Katedry i Zakladu Chemii Ogolnej Wydzialu Lekarskiego Akademii Medycznej w Lublinie Kierownik: doc. dr Irena Krzeczowska.
(AMINO ACIDS) (CHROMATOGRAPHY)

MISIUNA, Pawel

Histological investigations on the healing process of vascular prostheses. Ann. Univ. Lublin sect. D 19:1-12 '64.

1. Katedra i II Klinika Chirurgiczna Wydział Lekarski AM w Lublinie (Kierownik: prof. dr. med. Feliks Skubiszewski) i Katedra i Zakład Histologii i Embriologii, Wydział Lekarski AM w Lublinie (Kierownik: prof. dr. med. Stanisław Grzycki).

MISTUNA, Pawel; CZARKOWSKA, Daniela

Case of coexisting carcinoma and tuberculosis of the large intestine. Wiad. lek. 18 no.20:1613-1615 15 0 '65.

1. Z II Kliniki Chir. AM w Lublinie (Kierownik: prof. dr. med. F. Skubiszewski) i z Zakladu Anat. Pat. AM w Lublinie (Kierownik: prof. dr. med. S. Mahrburg).

SKUBISZEWSKI, Feliks; MISIUNA, Pawel; MICHALAK, Jerzy; OLEWINSKI, Tadeusz

Prostatic adenoma. Pol. tyg. lek. 19 no.28:1094-1096
13 - 20 JI'64

1. Z II Kliniki Chirurgicznej Akademii Medycznej w Lublinie;
kierownik: prof. dr. med. Feliks Skubiszewski.

KISIUMA, W.

"Agriculture in the plans of the development of the Czechoslovak national economy."

P. 740 (Nowe Rolnictwo, Vol. 7, No. 18, Sept. 1958. Warsaw, Poland.)

Monthly Index of East European Accessions (EFAI) LC, Vol. 8, No. 1, Jan. 1959

MISIUNA, W.

Prospects of further development of agriculture in the Soviet Union; a new situation in the Agriculture of the Soviet Union before the 21st Congress of the Communist Party of the Soviet Union. p. 94

ZAGADNIENIA EKONOMIKI ROLNEJ. (Komitet Ekonomikictwa Polskiej Akademii Nauk, Instytut Ekonomiki Rolnej i Sekcja Ekonomike Rolnictwa Polskiej Towarzystwa Ekonomicznego) Warszawa, Poland. No. 3, 1959

Monthly List of East European Accessions (EEAI) LC, Vol. 9, no. 1, Jan. 1960

Uncl/

MISIUNA, Wladyslaw

Development problems of agriculture in Poland; certain results
of studies on the prospective planning for the years 1961-1980.
Postepy nauk roln 10 no. 2: 3-30 Mr-Ap '63.

1. Polska Akademia Nauk, Warszawa.

MISIURA, Wladyslaw

Problem of feeding cereal crops to animals in Poland; one of the problems of cereal shortages. Postepy nauk roln 10 no.4:53-71
Jl-Ag '63.

1. Polska Akademia Nauk, Warszawa.

MISIUNA, Wladyslaw

Change problems and trends of the development of farming in the western and northern provinces of Poland. Postepy nauk roln
11 no.6:65-92 N-D '64.

1. Polish Academy of Sciences, Warsaw.

S/058/62/000/004/041/160
A058/A101

AUTHORS: Misiunas, A., Norkunas, V.

TITLE: Effect of temperature on the collision broadening of the Cd resonance line at 3261 A, due to hydrogen pressure

PERIODICAL: Referativnyi zhurnal, Fizika, no. 4, 1962, 11, abstract 4V69
(Temperatūros itaka vandenilio slegiminiam Cd rezonansines linijoms 3261 A isplitimui. "Vilniaus univ. Mokslo darbai. Matem., fiz., Uch. zap. Vilienyusk. un-t. Matem., fiz.", 1960, v. 33, no. 9, 135 - 138, Lith.; Russian and English summaries)

TEXT: The authors investigated the effect of increase in temperature on the width, the shift of the maximum and the asymmetry of the Cd resonance line at 3261 A, broadened by hydrogen. The concentration of Cd vapors was equal to $2.17 \cdot 10^{16}$ atom/cm³, and the hydrogen pressure at room temperature was 1/2 at. By the total absorption method it was established that the half-width of the Cd resonance line at 3261 A, broadened by hydrogen, increases by $(28 \pm 12)\%$ with increase in temperature from 803° to 1,253°K and the maximum of intensity is shifted to the long-wavelength side by (0.10 ± 0.06) A, while the asymmetry almost

Card 1/2

Effect of temperature on the collision ...

S/058/62/000/004/041/160
A058/A101

does not change. The obtained results cannot be entirely explained by collision theories.

[Abstracter's note: Complete translation]

Card 2/2

MISIUNIENE N.

Premature ventricular beat (WPW) syndrome. Sveik. apsaug. 9
no.2:55-56 F'64.

1. Kauno Valst. medicinos institutas.

*-

MISIURA, J. GUZIENE, A.

Modified oxihemometry. Sveik. apsaug. 9 no. 247-48 F*64.

1. Vilniaus Valst. V.Kapsuko v. universitato Medicinos fakul-
tetas ir Respublikine Vilniaus klinine ligonine.

*

MISIURA, M.

Regeneration of the gametophyte and vegetative propagation
in *Mnium punctatum* (Schreb.) Hedw. Acta soc botan Pol 33
no.2:451-459 '64.

1. Institute of Plant Systematics and Geography, University,
Warsaw, and Institute of Biology, School of Medicine, Warsaw.

MISIUREWICZ, E.

Foreign Machine Tools at the 27th Poznan International Fair, p. 736.

PRZEGLAD TECHICZNY (Naczelna Organizacja Techniczna)
Warszawa, Poland
Vol. 79, no. 16, August 1958.

Monthly List of East European Accessions Index (EEAI), LC, Vol. 8, No. 11,
November 1959.
Uncl.

MISIUREWICZ, M.; SZCZYGIŁOWA, M.

Studies on vitamin C level in blood serum in infants and children.
Pediat. polska 27 no. 4:381-394 Apr 1952. (CWL 22:4)

1. Of the National Institute of Mother and Child (Director--Prof.
R. Baranski, M. D.) and of the Department of Nutrition (Head--Prof.
A. Szczygiel, M. D.) of the National Institute of Hygiene in Warsaw.

MISIUREWICZ M.

2307. MISIUREWICZ M. Panstw. Dom Matki i Dziecka Nr. 1, Warszawa. *Przyczynek do zagadnienia ospy wietrznej i polpasca. Contribution to the problem of chicken pox and herpes zoster PEDIAT. POLSKA 1953, 28/4 (407-409)

A close epidemiological relationship between herpes zoster and chicken pox was observed when a case of clinically diagnosed herpes zoster in an 11-month-old infant became the source of a hospital epidemic of chicken pox, starting 17 days after admission of the sick child to the ward. Rappaport - Tel Aviv (XX, 13, 7, 4)

SO: EXCERPTA MEDICA: Section XIII, Vol. 8, No. 10

POLAND

MISIUREWICZ, Piotr

Department of Automation and Telemechanics, Warsaw Polytechnic
(Katedra Automatyki i Telemechaniki, Politechnika Warszawska)

Warsaw, Archiwum automatyki i telemechaniki, No 4, October-December
1965, pp 469-495

"Synthesis of switching functions on negative threshold elements."

MISIUREWICZ, Oktawian

A tamping machine of Polish design. Przegl techn no.5:3 31 Ja
'62.

ACC NR: AP7001175 SOURCE CODE: PO/0031/66/011/004/0479/0489

AUTHOR: Misiurewicz, Piotr -- Misyurevich, P.

ORG: Department of Automation and Telemechanics, Warsaw Polytechnic Institute
(Katedra Automatyki i Telemechaniki, Politechnika Warszawska)

TITLE: Controlled-hazard level-mode sequential circuits

SOURCE: Archiwum automatyki i telemechaniki, v. 11, no. 4, 1966, 479-489

TOPIC TAGS: transistorized circuit, ~~automation, telemechanics~~, sequential circuit,
~~asynchronous sequential circuit, level-mode sequential circuit, controlled hazard~~
~~sequential circuit~~, gated oscillator, ring counter, binary trigger, shift register

ABSTRACT: Asynchronous, level-mode, controlled-hazard sequential (transistoriz-
ed) circuits were studied. The controlled hazard was defined as a hazard whose
effects are determined according to input and output delays of certain logic elements.
It was shown that proper introduction of the controlled hazard makes further merg-
ing of the flow table possible than can be achieved with level-mode circuits only.
Synthesis methods for controlled-hazard circuits are given, and units such as the

Card 1/2

ACC NR: AP7001175

gated oscillator, ring counter, binary trigger, and shift register are described.
Orig. art. has: 18 figures and 12 formulas. [Based on author's abstract]

[DR]

SUB CODE: 09/
OTH REF: 003/

SUBM DATE: 07Feb66/ ORIG REF: 001/ SOV REF: 001/

Card 2/2

MISIUREWICZ-KLIMKIEWICZ, Elzbieta

Allergic glomerulonephritis caused by turpentine. Wiad. lek.
18 no. 5:435-439 1 Mar '65

1. Z Kliniki Nefrologicznej Akademii Medycznej we Wrocławiu
(Kierownik: prof. dr. Z. Wiktor).

MISJA, V.

Method of distributing the general expenses in the cost of production,
p. 14, TEKNIKA, (Ministria Industri-Miniera dhe Ndertim-Komunikacion)
Tirane, Vol. 3, No. 1, Jan./Feb. 1956

SOURCE: East European Accessions List, (EEAL) Library of Congress,
Vol. 5, No. 12, December 1956

MISKA, Antoni

The printing industry. Przegl mech 21 no.9/10:294-295.
10-25 Ky '62.

1. Przewodniczący Sekcji Poligrafów, Stowarzyszenie Inżynierów i
Mechaników Polskich, Oddział w Krakowie, Kraków.

MISKA, Josef, hrdina socialistické práce

Ostrava-Karvina coal district entering the second year of the
Five-Year Plan. Uhlí 4 no.1:3-4 Ja '62.

1. Ředitel Sdružení Ostravsko-karvinských dolů, Ostrava.

M. KARIK, S.

2

331.385.032.213
 AN APPLICATION OF CERTAIN TYPES OF BARIUM
 DIFFUSION CATHODES, ~~RESEARCH~~
 Bishopsey, ~~Coast~~, Vol. 4, No. 12, 719-20 (1958). In Czech.
 Three types of diffusion cathodes, namely: Ba-W cathodes impreg-
 nated with barium aluminates, Ba-Ni pressed cathodes, and Ba-Ni
 pressed and reduced cathodes were investigated in a high-pressure
 mercury-argon filled quartz lamp. The cathodes were in the
 shape of a disc or a pill made of porous sintered metal (W or Ni).
 The experiments showed that the life of diffusion cathodes in quartz
 lamps is substantially longer than that of oxide-coated cathodes.
 R. S. Sidorovska

Handwritten signature

L 30731-66 ENT(1)/ETC(f)/T LWP(c) AT

SOURCE CODE: CZ/0039/65/026/012/0716/0724

ACC NR: AP6022105

AUTHOR: Kosman, Karel (Engineer); Hiskarik, Stanislav (Engineer)

ORG: TESLA Holasovice, n. p., Prague

TITLE: Oxide cathode in low-pressure discharge conditions within a fluorescent lamp

SOURCE: Slaboproudny obzor, v. 26, no. 12, 1965, 716-724

TOPIC TAGS: fluorescent lamp, cathode, discharge plasma, electronic circuit

ABSTRACT:

The paper deals with the oxide cathode, which facilitates transmission of the charge between the discharge plasma in the tube and the external electrical circuit. A suitable method of measuring the emissivity of a cathode in low-pressure discharge will facilitate development work in the designing of new fluorescent lamps as well as in production checks. The paper states the results obtained by other authors as well as the method used in the present work. The principle is to find the point of zero potential in the cathode and to determine the R_p/R_0 cathode resistance ratio for that point.

Orig. art. has: 22 figures. [Based on author's Eng. abst.] [JPRS]

SUB CODE: 09, 20 / SUBM DATE: 10Jul65 / ORIG REF: 002 / SOV REF: 001

OTH REF: 010

Card 1/1 ✓

UDC: 621.327.43

MISKARLI, A.G.; GASANOVA, T.G.

Effect of chemical reagents on the structural and mechanical
properties of drilling muds. Dokl.AN Azerb.SSR 12 no.12:901-911
'56. (MLRA 10:8)

1. Institut khimii Akademii nauk Azerbaydzhanskoy SSR. Predstavleno
akademikom Akademii nauk Azerbaydzhanskoy SSR N.A. Kashkayev.
(Oil well drilling fluids)
(Chemical tests and reagents)

Miskar, A. K.

✓ Effect of water on the quality of drilling clay suspensions.
A. K. Miskar. Trudy Inst. Khim., Akad. Nauk Azer-
baidzhan. S.S.R. 9. 8-54(1952) (in Russian).—A bentonite
clay (exchange capacity = 94 meq./100 g.) and 2 drilling
clays (exchange capacity = 20 meq./100 g.) were suspended

in water or salt solns. at const. initial viscosity. After 1
day, suspensions contg. 1-10% of CaCl_2 , MgCl_2 , NaCl , or
 MgSO_4 were not stable, while those contg. 1-5% of NaHCO_3 ,
 Na_2SO_4 , or CaCO_3 were as stable as suspensions in distil-
water. Up to 1% of Na_2CO_3 or NaOH increased the sta-
bility of the clay suspensions. Bentonite was more sensitive
to salt concn. than were the drilling clays. Lignite, waste
sulfite liquor, and sodium hexametaphosphate in various
combinations were tested as stabilizers, but were not
generally effective in the presence of more than 1% of salt
of the CaCl_2 type. The best stabilizer was made by mixing
150 g. starch and 82.5 g. of 30% NaOH in 1500 cc. H_2O
with 900 cc. of a suspension contg. 225 g. sulfite liquor and
45 g. NaOH . It was used with 3 kg. clay. R. G. M.

Miskarii, A. K.

(1)

✓ Pyrite ash as a weighting agent for clay suspensions.
A. K. Miskarii, M. M. Gurvich, and R. G. Gadzhieva.
Trudy Inst. Khim., Akad. Nauk Azerbaidzhan. S.S.R. 9,
69-87 (1952) (in Russian).—Pyrite ash can be used to obtain
a stable clay suspension of d. 1.7 if boiled starch or spent
gumbrin, together with a soln. contg. 25% anhyd. vinasse
and 5% NaOH (I), or 10% lignite and 2% NaOH (II),
are added as protective colloids. The most stable suspen-
sion resulted when 5 parts by wt. of starch and 25 parts of I
were mixed and added to 100 parts of clay in suspension.
Then 400 parts of pyrite ash was added with water to give
the desired viscosity. Spent gumbrin, a bentonitic clay,
also gives stable suspensions when used with a 1:1 mixt. of I
and II. Spent gumbrin loses its effectiveness when ad-
sorbed matter is removed by extr. with benzene.

Ronald G. Menzel

MISKARI, A.K.

Replacement of caustic soda by sodium sulfide in the chemical treatment of clay mortar. I. L. Bagbanly, M. M. Gurvich, and A. K. Misarbi. *Trudy Inst. Khim. Akad. Nauk Azerbaidzhan S.S.R.* 13, 114-23 (1954) (in Russian).--
Na₂S solns. have been used to ext. humic substances from brown coal. Their use for extn. of humic substance from clay mortar is proposed. Causticization of Na₂S by lime is negligible, but hydrated Fe oxide can give solns. whose NaOH/Na₂S ratio is 81.5/8.5, although with loss of sulfide amounting to as much as 43%. The residual sulfide in the thus obtained soln. is oxidizable by air; after such oxidation the soln. loses its odor and no longer attacks Cu surfaces.

G. M. Kosolapoff

(2)

INST OF PETROLEUM. ACAD SCI USSR. MOSCOW, 1955

MISKARLI, A. K. - "The Development of the Technology of Preparing and Using
Clay Suspensions for Boring Oil Wells under the Complex Geological
Conditions of Azerbaydzhan." Inst of Petroleum. Acad Sci USSR. Moscow. 1955.
(Dissertation for the Degree of Doctor in Technical Sciences)

So: Knizhnaya Letopis' No 3, 1956

Name: ~~MISKARLI~~, Abbas Kulam-ogly

Dissertation: Devising the technology of preparation and application of argillaceous suspensions for drilling petroleum wells under the complicated geological conditions of Azerbaydzhan

Degree: Doc Tech Sci

Affiliation: Inst of Chemistry, Acad of Sci Azerbaydzhan SSR

Defense Date, Place: 16 Feb 56, Council of the Inst of Petroleum, Acad Sci USSR

Certification Date: 8 Jun 57

Source: BMVO 16/57